



BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING FOR WOMEN, PUNE

Pune-Satara Road, Dhankawadi, Taluka – Haweli, Dist.- Pune

Accredited by NAAC, Affiliated to Savitribai Phule Pune University (SPPU)

Approved by DTE. Govt. Of Maharashtra and AICTE, New Delhi

DTE Institute Code-EN6285, Pun Code-PU/PN/Engg. /150/2000

E-mail: -coewpune@bharativedyapeeth.edu

Website: - <http://coewpune.bharativedyapeeth.edu>

Publications in International/ National Journals (2022-2023)

Department of Electronics and Telecommunication							
Sr. No.	Month and Year of Publication	Author Name	Title of the Journal/ Conference	Title of Publication	Volume/ Issue	ISSN No.	Indexing
1	May, 2023	Prof. Dr. S.R. Patil	International Journal on Recent and Innovation Trends in Computing and Communication	Energy Management System for Microgrid System using Improved Grey Wolf Optimization Algorithm	Vol-11 Issue-5	2321-8169	Scopus
2	Sept, 2022	Prof. Dr. S.R. Patil	Multimedia Tools and Applications	Detection and Localization of Abnormalities in Video Surveillance using Novel Optimization based Deep Convolutional Neural Network	Vol-82	1380-7501	Scopus
3	May, 2023	Prof. Dr. S. S. Chorage	Journal for Basic Sciences	Design and Implement Smart Traffic Control System using Image Processing	Vol-23 Issue-5	2582-5208	Scopus
4	Sept, 2022	Prof. Dr. S. S. Chorage	International Journal of Image and Graphics	Optimized Neural Network with Refined Features for Categorization of Motor Imaginary Signals	Vol-23 Issue-6	0219-4678	Scopus
5	April, 2023	Prof. Dr. S. S. Chorage	International Research Journal of Modernization in Engineering Technology and Science	GSM Based Wireless E-Notice Board	Vol-5 Issue-3	2582-5208	Scopus

6	June, 2023	Dr. V. R. Pawar	International Journal of Engineering TRANSACTION S C: Aspects	Real Time Emotion Recognition with AD8232 ECG Sensor for Classwise Performance Evaluation of Machine Learning Method	Vol-36 Issue-6	24237 167	Scopus
7	April, 2023	Dr. V. R. Pawar	Journal of Electrical Systems and Information Technology	From face detection to emotion recognition on the framework of Raspberry pi and galvanic skin response sensor for visual and physiological biosignals	Vol-10 Issue-24	2314-7172	Scopus
8	May, 2023	Dr. V. R. Pawar	Journalof Basic Sciences	Texture Based Rnfl Atrophy Detection In Retinal Fundus Images	Vol-23 Issue-5	1006-8341	Scopus
9	June, 2023	Dr. V. R. Pawar	Journalof Basic Sciences	Arduino Uno Based Automatic Power Theft Detection	Vol-23 Issue-6	1006-8341	Scopus
10	March, 2023	Dr. S. M. Rajbhoj, P V. P. Mulik, A. B. Vitekar	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Zigbee-based Detection of Person with High Temperature and Patient Monitoring	Vol-23 Issue-3	1006-8341	Scopus
11	March, 2023	Dr. S. M. Rajbhoj, V. P. Mulik, A. B. Vitekar	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Intelligent Framework to Detect Diabetic Mellitus (DM) Using Supervised Learning	Vol -23	1006-8341	Scopus
12	Sept, 2022	S. A. Itkarkar	Journal for Basic Science	IOT Based Air and Sound Pollution Monitoring and Rainfall Detection System	Vol.23 Issue-6	1006-8341	Scopus
13	Sept, 2022	S. A. Itkarkar	IJ of Computer Engineering and Applications	IOT based walking stick for Visually Impaired usin Raspberry Pi	Vol-17 , Isssue-3	2321-3469	GS
14	Sept, 2022	Dr.S.L. Kore, S. A. Itkarkar, R. R. Jain, R. J. Sapkal, S. M. Patil	International Journal of Innovative Research in Technology	IoT Based Automated Vehicular System for Human Safety	Vol-9 Issue-4	2349-6002	GS
15	Sept,	Dr.S.L.	International	Floor Cleaning Smart	Vol-12,	2248-	

	2022	Kore, S. A. Itkarkar, R. R. Jain, R. J. Sapkal, S. M. Patil	Journal of Engineering Research and Applications	Robot	Issue-9	9622	GS
16	Sept, 2022	Dr.S.L.Kor e, S. A. Itkarkar, R. R. Jain, R. J. Sapkal, S. M. Patil	Int. Journal of Engineering Research and Application(JERE A),	Detection and classification of brain tumor using machine learning(PP.13-17)	Vol-12, Issue-9	2248- 9622(o nline)	GS
17	Sept, 2022	Dr.S.L.Kor e, S. A. Itkarkar, R. R. Jain, R. J. Sapkal, S. M. Patil	International Journal of multidisciplinary educational research(IJMER)	Recognition using palm vein detection	Vol-11, Issue- 9(1)	2277- 7881	GS
18	Feb, 2023	Dr. S.L. Kore	TIJER- International research Journal	A survey on face mask detection system	Vol-10, Issue-2	2349- 9249	GS
19	Sept, 2022	Dr.S.L. Kore, S.M. Patil	International Journal of Engineering Inventions (IJEI)	Temperature based automatic door control systems	Vol-11, Issue-9	2278- 7461(o nline)	GS
20	Aug, 2022	Dr. S.L. Kore, S.M. Patil	International Journal of Innovative Research in Technology	Library Automation System using RFID	Vol-9, Issue-9	2349- 6002	GS
21	May, 2023	Dr. S.A. Dhole	Journal for Basic Science	Attendance System Design Using Android based Face recognition	Vol-23, Issue-5	1006- 8341	Scopus
22	May, 2023	Dr. S.A. Dhole	Journal for Basic Science	Sign Boards Signal Detection and Speed Control Vehicle using image processing with Rasberry PI	Vol.23 , Issue 5	1006- 8341	Scopus
23	Jan, 2023	Dr. S.A. Dhole, Prof. Dr. S. M. Jagdale	SSRG International Journal of Electrical and	Multimodal Biometric Identification System using Random Selection of Biometrics.	Vol-10, Issue-2	ISSN:2 348- 8379	Scopus, WoS

			Electronics Engineering.				
24	May, 2023	Dr. S. M. Jagdale	Journal of Basic Sciences	Student Marks Display using Fingerprint Module with Authorize Search in Cloud Computing	Vol.23, Issue-5	1006-8341	Scopus
25	May, 2023	K. R. Chaudhari	Journal For Basic Sciences	Kidney stone prediction using neural network	Vol.23, Issue-5	1832-1842	Scopus
26	July, 2022	Dr. S.S. Salunkhe, P. R. Yawale	Advanced Engineering Science	Deep learning based hybrid-mppt for maximum power tracking under partial condition	Vol.54	ISSN 2096-3246	Scopus
27	May, 2023	Dr. S.S. Salunkhe	Journal for Basic Science	Iot Based Child Tracking And Safety System	Vol-23 , Issue-6	1006-8341	Scopus
28	Aug, 2022	M. S. Kasar, P. R. Yawale, A. B. Vitekar, K. D. Mahajan, S. V. Shelke	International Journal of Innovative Research in Technology	Traffic monitoring system using image processing	Vol-9 ,Issue-3	2349-6002	GS
29	Sept, 2022	M. S. Kasar, P. R. Yawale, A. B. Vitekar, K. D. Mahajan, S. V. Shelke	International Journal of Engineering Research and Applications	Arduino Based Covid'19 Disinfection Box	Vol-12, Issue -9	2248-9622	GS
30	May, 2023	M. S. Kasar, S. V. Shelke	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	A System for early Flood Detection and Alarming using Machine Learning Techniques	Vol-23 ,Issue-5	1006-8341	GS
31	June, 2023	P. R. Yawale	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Real time eye blinking for password authentication	Vol-23, Issue -5	1006-8341	Scopus
32	April,	V.P. Mulik	BioGecko	A Comparative analysis on	Vol-12,	2230-	

	2023			Fuzzy systems-based Management Models	Issue -2	5807	WoS
33	April, 2023	A.P. Yadav V.P. Mulik	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Overview of WiMAX	Vol-23, Issue-4	1006-8341	Scopus
34	May, 2023	S.V. Shelke, K. D. Mahajan	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	ISM Band Rectangular Microstrip Patch Antenna for 2.4GHz	Vol-23, Issue -5	1006-8341	Scopus
35	May, 2023	K. D. Mahajan	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	XY plotter robo using MXY Board	Vol-23, Issue -5	1006-8341	Scopus
36	Nov, 2022	R.M. Shamalik	Saadhana	DeepHands: Dynamic hand gesture detection with depth estimation and 3D reconstruction from monocular RGB data	Vol-47, Issue-4	25624 99	Scopus
37	Nov, 2022	R.M. Shamalik	Multimedia Tools and Applications,	Effective and efficient approach for gesture detection in video through monocular RGB frames	Vol-82	13807 501	Scopus
38	Nov, 2022	A.P. Yadav	The Ciência & Engenharia - Science & Engineering Journal	A Review on Unmanned Ground Vehicle for Surveillance and Security	Vol-10, Issue-1	0103-944X	GS
39	Sept, 2022	Sonal Mohanrao Patil	Neuro Quantology	NCPR Reducing Path-Discovery overload in Mobile Adhoc Networks (MANET's)	Vol-20, Issue-11	1303-5150	Scopus

Department of Computer Engineering

1	May-	Prof.Dr.S.P.	Review Of	International Journal of	Volume	2320-	GS
---	------	--------------	-----------	--------------------------	--------	-------	----

	2023	Kadam	Artificial Intelligence Techniques For Dental Implants Using Radiographic Images	Creative Research Thoughts	11, Issue 5	2882.	Indexed
2	May-2023	Prof.Dr.S.P. Kadam	Factory Downtime Prediction Using Machine Learning Algorithms	Journal of Emerging Technologies and Innovative Research	Volume 10, Issue 5	2349-5162.	GS Indexed
3	Nov-2022	Prof.S.A.K arande	Predicting the Growth of COVID Pandemic using Machine Learning	International Journal for Scientific Research & Development	Volume 4, Issue 11	2582-5208	GS Indexed
4	Feb-2023	Prof.A.P.K adam	Smart Road Damage Detection and Warning	International Journal of Creative Research Thoughts (IJCRT)	Volume 11, Issue 2	2320-2882	GS Indexed
5	May-2023	Prof.A.P.K adam	Weather Prediction Using Machine Learning	International Journal of Creative Research Thoughts (IJCRT)	Volume 11, Issue 5	2320-2882	GS Indexed
6	Aug-2022	Prof.V.D.K ulkarni	ML Based Stock And Supply Regulation System	International Journal of Trendy Research in Engineering and Technology	Volume 6, Issue 4	2582-0958	GS Indexed
7	Mar-2023	Prof.V.D.K ulkarni	Helmet, Number Plate Detection and Stolen vehicle recognition using Machine Learning	International Journal of creative research thoughts	Volume 11, Issue 3	2320-2882	GS Indexed
8	Jun-2023	Prof.V.D.K ulkarni	Advancements in Deep Learning Based Sign Language Gesture Recognition for Enhanced	Bulletin For Technology And History Journal	Volume 23, Issue 3	0391-6715	GS Indexed

			Communication Accessibility				
9	May-2023	Prof.K.S.warke	Deep fake Detection through Deep Learning using Resnext CNN and LSTM	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 10, Issue 5	2349-5162	GS Indexed
10	May-2023	Prof.K.S.warke	Deep fake Detection through Deep Learning	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 10, Issue 5	2349-5162	GS Indexed
11	May-2023	Prof.K.S.warke	Fall Detection for Elderly People Using Machine Learning	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 10, Issue 4	2349-5162	GS Indexed
12	May-2023	Prof.K.D.Yesugade	A System for Early Flood Detection and Alarming Using Machine Learning Techniques	International Journal For Basic Sciences	Volume 23, Issue 5	1006-8341	GS Indexed
13	Feb-2023	Prof.K.D.Yesugade	Deep Learning Approach For Suspicious Activity Detection	Journal of Emerging Technologies and Innovative Research	Volume 10, Issue 2	2349-5162	GS Indexed
14	May-2023	Prof.Dr.S.A.Pawar	Dental Disease Detection using Deep Learning”, Journal of Emerging Technologies and Innovative Research	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 10, Issue 5	2349-5162	GS Indexed
15	Apr-2023	Prof.Dr.S.A.Pawar	Trust Management System in Internet of Things: A Survey	International Journal of Safety and Security Engineering	Volume 13, Issue 2	2041-9031	Scopus Indexed
16	Apr-2023	Prof.Dr.S.A.Pawar	Security and QoS (Quality of Service) Related Current	SSRG International Journal of Electronics and Communication Engineering	Volume 10, Issue 4	2348-8549	Scopus Indexed

			Challenges in IoT				
17	Mar-2023	Prof.Dr.S. A.Pawar	Evaluation of Delay Parameter of MQTT Protocol", International Journal of Engineering Trends and Technology	International Journal of Engineering Trends and Technology	Volume 71, Issue 3	2231-5381	GS Indexed
18	Nov-2022	Prof.K.S.S awant	Depression Detection Using Face .Text and Audio Using Machine Learning	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 9, Issue 11	2349-5162	GS Indexed
19	May-2023	Prof.K.S.S awant	Depression Detection Using Face, text And Audio	International Journal of Novel Research and Development	Volume 8, Issue 5	2456-4184	GS Indexed
20	May-2023	Prof.K.S.S awant	Object Detection for Blind People's	International Research Journal of Modernization in Engineering Technology and Science	Volume 5, Issue 5	2582-5208	GS Indexed

Department of Information Technology

1	Mar, 2023	Prof. Dr. D. A. Godse	International Journal of Engineering Trends and Technology	Evaluation of Delay Parameter of MQTT Protocol	Vol-71 Issue-3	2231 - 5381	Scopus
2	Aug, 2022	Prof. Dr. K.A. Malgi	Multidisciplinary Journal of Research in Engineerng and Technology	Smart Bus Pass System	Vol-9 Issue-3	2348-6953	GS
3	Aug, 2022	Prof. Dr. K.A. Malgi	Multidisciplinary Journal of Research in Engineerng and Technology	Music Recommendation System Using Sentiment Analysis	Vol-9 Issue-3	2348-6953	GS
4	June, 2023	Prof. Dr. K.A. Malgi	Bandaoti Guangdian/Semic onductor	A Study on Effect of Online Games and Social Media on Human Brain	Vol-42 Issue-1	1001-5868	GS

			Optoelectronics				
5	May, 2022	Prof. S.B. Dhuttargi	International Journal for Research in Applied Science & Engineering Technology	Elite Vehicle Controller: Drunk Driving Detection with Vehicle Ignition Locking Using GSM	Vol-10 Issue-6	2321-9654	GS
6	May, 2023	Prof. M. A. Rane	Journal of Engineering, Computing and Architecture	Technet BVCOEW Community - Web Portal	Vol-13, Issue-5	1934-7197	GS
7	May, 2023	Prof. M. A. Rane	Journal of Emerging Technologies and Innovative Research	Operating Virtual Mouse and Keyboard Using Gestures Recognition	Vol-10, Issue-5	2349-5162	GS
8	June, 2023	Prof. M. A. Rane	International Journal of Novel Research and Development	Face Mask Detection and Social distance monitoring with customized Convolutional Neural Network	<u>Vol-8</u> <u>Issue-6</u>	2456-4184	GS
9	Dec, 2022	Prof. S. A. Sagar	Journal of the Maharaja Sayajirao University of Baroda	Software Defect Prediction Using Machine Learning Algorithm	Vol-56, Issue-1	0025-0422	GS
10	June, 2022	Prof. S.A. Hadke	International Journal of Advanced Research in Computer and Communication Engineering	System To Detect Mental Stress Using Machine Learning And Mobile Development	Vol-11, Issue-6	2278-1021	GS
11	June, 2022	Prof. S.A. Hadke	International Journal of Advanced Research in Computer and Communication Engineering	Detection of Phishing Websites Using Machine Learning	Vol-11, Issue 6	2278-1021	GS
12	Dec, 2022	Prof. S.A. Hadke	Journal of the Maharaja Sayajirao University of	Alert generation on Detection of Suspicious Activity Using Deep Learning	Vol-56, Issue-1	0025-0422	GS

			Baroda				
13	Dec, 2022	Prof. S.A. Hadke	Journal of the Maharaja Sayajirao University of Baroda	Crop Recommendation Based on Soil Analysis Using Deep Learning	Vol-56, Issue-1	0025-0422	GS
14	May, 2023	Prof. A. D. Khairkar	Journal of Emerging Technologies and Innovative Research	Algorithmic Trading Using Machine Learning Techniques	Vol-10, Issue-5	2349-5162	GS
15	Dec, 2022	Prof. A. D. Khairkar, Prof. A.V. Kanade	Journal of the Maharaja Sayajirao University of Baroda	Speech Sentiment Prediction using Deep Learning	Vol-56, Issue-1	0025-0422	GS
16	June, 2022	Prof. A.V. Kanade	International Research Journal of Engineering and Technology (IRJET)	Data De-Duplication Engine for Efficient Storage Management	Vol-9, Issue-6	2395-0056	GS
17	Nov, 2022	Prof. K. V. Patil	Neuro Quantology	A Study Paper: NCPR Reducing Path-Discovery overload in Mobile Adhoc Networks	Vol-20, Issue-11	1303-5150	Scopus

Department of Engineering Sciences & Allied Engineering

1	2022	Prof. Y. D. Kute	International Journal of Vehicle Structures and Systems (Indexing: Scopus)	Performance Testing of Multicylinder Compressed Ignition Engine with Dual Fuel Mode of CNG with Biodiesel and Diesel	-	-	Scopus
2	2022	Prof. S. R. Mitkari	International Journal of Intelligent Systems and Applications in Engineering (Indexing: Scopus)	Reconstructed Optimization Logic for the Secure Vaults with Arduino for the IoT Environment			Scopus
3	2022	Prof. S. R. Mitkari	International Journal of	Weighted Hashing-Based Capture Text Similarity			Scopus

			Intelligent Systems and Applications in Engineering (Indexing: Scopus)	Estimation with the Cross-Media Semantic Level			
4	2023	Prof. Dr. S. S. Jadhav	Microbial Technology for Sustainable E-waste Management (Springer)	Role of bacteria for the Recovery of Precious Metals from E-waste	-	-	Scopus




Prof. Dr. Pradeep Jadhav
Principal, BVCOEW, Pune
PRINCIPAL
 Bharati Vidyapeeth's
 College of Engineering for Women
 Pune-Satara Road, Pune-411043.